

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A portable stethoscope comprising:
  - (a) a probe section for noninvasively irradiating a diseased part with near-infrared light, the probe having radiation and light-receiving fibers;
  - (b) a control device connected to the probe section via a lead wire, the control device including a semiconductor laser light source connected to the radiation fiber, an optical detector connected to the light-receiving fiber, a controller for detecting a change in cerebral circulation blood flow on the basis of data output from the probe section, and a sound source device for converting the change in cerebral circulation blood flow to sound pulses; and
  - (c) a pair of lead wires and receivers connected to the sound source device of the control device, wherein
  - (d) auscultation is performed on the basis of the sound pulses from the sound source device in order to diagnose a change in cerebral function.
2. (Currently Amended) A portable stethoscope according to claim 1, wherein the near-infrared light includes two wavelengths.
3. (Currently Amended) A portable stethoscope according to claim 1, wherein the near-infrared light includes three wavelengths.
4. (Currently Amended) A portable stethoscope according to claim 3, wherein the near-infrared light includes wavelengths of 760 nm, 800 nm, and 830 nm.
5. (Currently Amended) A portable stethoscope according to claim 1, wherein the change in cerebral circulation blood flow is a change in total hemoglobin (t-Hb) or oxygen saturation rate of hemoglobin (rSO<sub>2</sub>).